

CITY OF HAYWARD

AGENDA REPORT

AGENDA DATE 07/13/04

AGENDA ITEM 4

WORK SESSION ITEM

TO: Mayor and City Council

FROM: Director of Public Works

SUBJECT: Highland Chain Pump Station Improvement Project: Authorization for Professional Services Agreement with Carollo Engineers

RECOMMENDATION:

It is recommended that the City Council adopt the attached resolution authorizing the execution of an agreement with Carollo Engineers for professional design services to prepare plans, specification and construction cost estimates for the Highland Chain Pump Station Improvement Project in an amount not to exceed \$380,000.

BACKGROUND:

The Highland Chain presently consists of four pump stations that deliver water to the upper elevation pressure zones: the Highland 250, Highland 500, Highland 750, and Highland 1000. These pump stations are located adjacent to the reservoir of the lower pressure zone. The existing pump stations at Highland 500, Highland 750, and Highland 1000 were not designed to meet the demands of the planned Blue Rock Country Club Development.

In order to accommodate and provide adequate capacity for the new development, the existing Highland Chain pump stations require modification, which will include the replacement of pumps, electrical components, backup generators, and associated site work. A condition of approval for the Blue Rock Country Club requires the developer to fund these improvements.

Consultant Selection:

Upon review of the qualifications of various consultants on file, the City invited Carollo Engineers and Brown and Caldwell to submit proposals for the professional design service. Both consultants submitted proposals for the City's consideration; Carollo Engineers was selected as the more qualified firm. The selection was based on a review of: (1) the relevant experience of each firm; (2) the experience and qualifications of the project manager and design team of each firm; (3) the method of work proposed by each firm; and (4) the resources, project controls, and quality assurance of each firm.

Carollo Engineers' fee and hours were competitive and lower than that of the other consultant. Based on an analysis of the number of hours and scope of services proposed by the other consultant, staff has concluded that the final negotiated not-to-exceed cost of \$380,000 is reasonable for the scope of services required, which includes \$40,000 for possible additional services.

Project Cost:

Design Services	\$ 380,000
Construction Cost	2,020,000
Inspection & Administration	<u>100,000</u>
Total:	\$ 2,500,000

Funding:

The 2004/2005 Capital Improvement Program includes a total of \$1,220,000 in the Water Capital Improvement Fund for this project. This amount had been based on an earlier estimate prior to identification of significant electrical upgrade needs, including new generators. Once design is complete, an additional appropriation will be requested. The developer is required to fully fund this project.

Schedule:

The following tentative project schedule has been developed for this project:

Begin Design	July 14, 2004
Design Completion	October 2004
Award Construction Contract	December 2004
Begin Construction	January 2005
Construction Completion	May 2005

The project includes some long lead-time equipment items, such as the generators and the large pumps. In order to meet the schedule, staff will be purchasing some of the equipment in advance, similar to what has been done for recent traffic signal projects.

Prepared by:



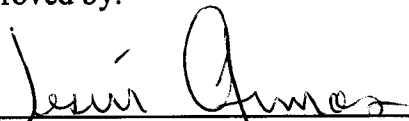
Alex Ameri, Deputy Director of Public Works

Recommended by:



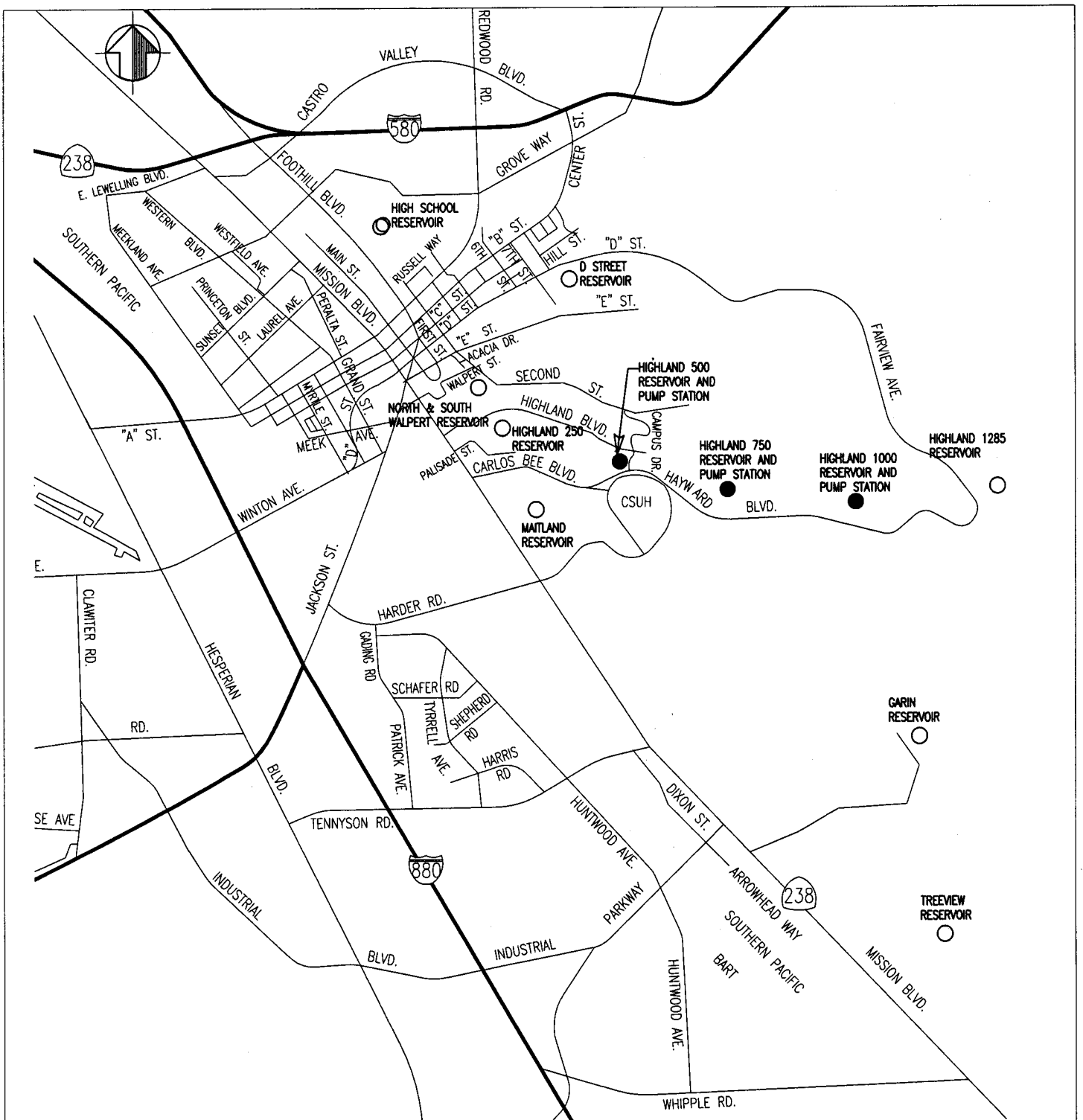
for Dennis L. Butler, Director of Public Works

Approved by:



Jesús Armas, City Manager

Attachment: Exhibit A - Project Location Map



LEGEND: ● PROJECT LOCATION

PROJECT LOCATION MAP

**HIGHLAND CHAIN IMPROVEMENT PROJECT
PROJECT NO. 622-7143**

EXHIBIT "A"

DRAFT

NA
7/6/04

HAYWARD CITY COUNCIL

RESOLUTION NO. _____

Introduced by Council Member _____

**RESOLUTION AUTHORIZING THE CITY MANAGER
TO EXECUTE AN AGREEMENT BETWEEN THE CITY
OF HAYWARD AND CAROLLO ENGINEERS FOR
PROFESSIONAL SERVICES FOR THE HIGHLAND
CHAIN PUMP STATION IMPROVEMENT PROJECT,
PROJECT NO. 7143**

BE IT RESOLVED by the City Council of the City of Hayward that the City Manager is hereby authorized and directed to negotiate and execute on behalf of the City of Hayward an agreement with Carollo Engineers for professional services for the Highland Chain Pump Station Improvement Project, Project No. 7143, in an amount not to exceed \$380,000, in a form to be approved by the City Attorney.

IN COUNCIL, HAYWARD, CALIFORNIA _____, 2004

ADOPTED BY THE FOLLOWING VOTE:

AYES: COUNCIL MEMBERS:

MAYOR:

NOES: COUNCIL MEMBERS:

ABSTAIN: COUNCIL MEMBERS:

ABSENT: COUNCIL MEMBERS:

ATTEST: _____

City Clerk of the City of Hayward

APPROVED AS TO FORM:

City Attorney of the City of Hayward